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For The Addition
of
New Descriptor Words

See

E. F. Mellon

Abrasion, LRAU

Abrasives, VPFV

Absorbance, UREU

Absorption, IHHI

See also Heat of absorption
Imbibition

Absorption (from digestive tract), CXQB

Absorption (by skin), SVRR

Absorption bases, MHQH

See also Creams, cosmetic
Ointments

Absorption bases, lanolin, KPTW

Absorption cells, TSOD

Absorption, microwave, JQEI

Absorption spectra, LLDF

Absorptivity, KDSG

Accuracy, JPUV

Acer saccharum, EG00

Acetaldehyde, NOUN

Acetamide, NBVA

Acetamide addition compounds, ESTE

Acetic acid, MVRX

Acetoacetates, LTIL

Acetoacetic acid, UUME

Acetoacetic ester condensation, KHSF

Acetobacter & acetomonas, JNUR

Acetoglycerides, NIAH

See also Demiglycerides

Acetol, GOQV

Acetone, RTWW

Acetovanillone, SDMG

Acetulan, PLIN

Acetylation, IUXP

Acetylation of resistant groups, WMUD

Acetylene compounds, RBOH

Acetyl group, BKMA

Acetyl group determination, JVDN

Acetyl number, VTNR

Acid-base binding, SKRU

Acid bromides, UDKN

Acid chlorides, VKFJ

Acid halides, XANU

Acid halides, long-chain, IDQV

Acid iodides, UGVC

Acid mantle (of skin), SJKF

Acid number, DGAT

See also Neutralization equivalent

Acids, JWCV

See also Fatty acids

Acids, aromatic, JSXM

Acids, branched-chain, FMOP

Acids, carboxylic, JGQF

Acids, dibasic, RBLH

Acids, halogenated, WVMJ

Acids, hydroxy, ETDO

Acids, organic, AURA

Acids, organic, non-volatile, WROD

Acids, organic, strong, WRDN

Acids, organic, volatile, DBDO

Acids, sulfinic, KKDT

Acids, sulfonic, FJTD

Acids, tricarboxylic, UENS

Aconitic acid, IWHI

Acrolein, DVLQ

Acrylates, CNLB

Acrylic acid, WVCF

Acrylonitrile, KABW

ACTH, PQTE

Actinides, OJAX

See also Transuranium elements

Actinometry, HWDN

Activated sludge, NKFI

Active sites, LQDR

Active transport (through membranes), MPGV

Activity, USND

Actomyosins, URPF

Acylation, PPSI

See also Acetylation
Esterification

Acyl bromides, UDKN

Acyl chlorides, VKFJ

N-Acyl groups, RVPF

O-Acyl groups, ASJK

Acyl halides, XANU

Acyl halides, long-chain, IDQV

Acyl iodides, UGVC

Acyloin reaction, IOPT

Acyloins, FWCA
See also Ketols

Adaptation, KBJO

Addition compounds, UDEQ
See also Chelate compounds

Addition reactions, QOML

Additives, OTAH

Additives, food, SSCV

Additives for lubricants, KGRP

Additives, paint, DNVB

Adducts, HJJB

Adenosine triphosphates, PRFB

Adhesion, AEOK
See also Heat of adhesion

Adhesives, LCXE
See also Glue

Adiposity, GFKO

Adsorbents, GCFC

Adsorption, QLNW
See also Analysis
Chromatography
Heat of adsorption

Adsorption isotherms, RUCI

Adulterants, ENBJ

Adventitious organisms, DRJA

Advisory committees, FOCH

Aeration, MLPA

Aerogels, RWJE

Aerosols (the colloids), BVBI

Aerosols (the surfactants), HWLX

Agar-agar, MBPV

Agents, SOQM

Agglomeration, HXEM

Aging, BHCV

Agitation, GADD

Agitators, OQWK

Agitators, vertically-acting, VLTL

Agnosterol, FOIA

Agricultural chemicals, LRDO

Agricultural economics, TXQW

Agricultural research, KRKJ

Agriculture, TDNF

Agronomy, TDNF

Air conditioners, HCIL

Air cooling, POXM

See also Heat exchangers

Air-cured, PPIT

Air fresheners, RMEU

Air lifts, QULJ

Alanine, HJJR

Albolene, NGHD

Albuminoids, MIBH
See also Collagen
Elastin
Keratin

Albumins, BCPF

Albumoses, LIOV

Alcaptonuria, BCQU

Alcian Blue stain, XFPR

Alcoholates, KDQM

Alcohols, PNHW
See also Ether-alcohols
Hydroxy
Hydroxyl
Ketols

Alcohols, branched chain, JSRJ

Alcohols, cyclic, DBHG

Alcohols, dihydric, LAPN

Alcohols, diunsaturated, BVJX

Alcohols, long-chain, ECLN

Alcohols, monohydric, FQLH

Alcohols, monounsaturated, RRWF

Alcohols, odd-carbon, OOSL

Alcohols, polyhydric, LCGU

Alcohols, polyunsaturated, RATT

Alcohols, primary, GNAO

Alcohols, secondary, MOMR

Alcohols, short-chain, TSET

Alcohols, sulfated, BWDD

Alcohols, tertiary, IUKK

Alcohols, unsaturated, NOBW

Alcoholysis, OPRO

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Transesterification

Alcolans, KPTW

Aldehyde-Fuchsin stains, ULCN

Aldehydes, QDNP

Aldehydes, hydroxy, EFCH

Aldehydes, long-chain, DLCI

Aldehydes, unsaturated, ECPL

Aldohexoses, UMPO

Aldolase, LQTA

Aldonic acids, FCUH

Aldopentose hydrazones, KDLE

Aldopentoses, OPWW

Aldoses, IFPD

Alfalfa, EFKV

Algae, UFTE

Alginic acid, LUAR

Alicyclic compounds, WTDS

Aliphatic compounds, RVIW

Aliphatic 2,4-dienols, IQTP

Alkalies, QKUS

Alkali fusion, GJXJ

Alkali metal dispersion, TJXS

Alkali metals & compounds, TRDT

Alkaline cobalt carbonate, LUWE

Alkaline degradaton, DIGR

Alkaline earth metals & compounds, QLSI

Alkaline earth soaps, SDRK

Alkaloids, UKPI

Alkanes, XFFG

Alkanes, sulfonated, QFOO

Alkanolamides, DTCR

Alkanolamines, KEKK

Alkanesulfonates, FOET

Alkenes, GCBF

Alkenyl succinic anhydrides, FKRM

Alkoxides, KDQM

Alkyd resin modifiers, PVPA

Alkyd resins, VSFI

Alkylation, ERHJ

Alkylbenzenesulfonates, PNAO

Alkyl chlorides, SSHO

Alkyl chlorides, long-chain, UXAE

Alkyl disulfides, JCLX

Alkyl groups, XIMF

Alkyl halides, EFEA

Alkyl halides, long-chain, WQOO

Alkyl hydrogen sulfates, BWDD

Alkyl hydroperoxides, WWMH

Alkylnaphthalenes, UCBL

Alkylolamides, DTCR

Alkylolamines, KEKK

Alkyl phenols, OXVP

Alkyl sulfates, GTKF

Alkylsulfuric acids, BWDD

Allantoin, PSKD

Allergy and allergens, PNXX
See also Dermatitis

Allophanates, CREV

Allose, LRAW

Alloys, PJXB

Alloxan, SAIK

Allulose, FLLU

Allyl esters, QNMF

Allyl ethers, IVUO

Allyl groups, WEFL

Alumina, JLLO

Aluminum, GRUC

Aluminum acetate, RSXK

Aluminum chloride, GHBO

Aluminum lithium hydride, VIOT

Aluminum oxide, JLLO

Aluminum silicates (natural), RCWQ

Aluminum soaps, IJBC

Aluminum sulfate, BLJB

See also Alums

Alums, OGQH

See also Aluminum sulfate

Amadori rearrangement, LHHQ

Ambergris, WTCD

Amberlite IRA-400, ELPH

Amberlites, WVBV

See also Ion-exchanging substances

Ambrettolide, USEC

Ameba (Amoebae), SIAX

Amerchol bases, KPTW

Amerchol L-101, KMRG

Amide-esters, JXFA

Amides, ENRC

Amides, branched chain, RATP

Amides, long-chain, LSXO

Amides, N-disubstituted, AEVU

Amides, N-monosubstituted, PPPE

Amides, N-unsaturated, DDXG

Amides, secondary, PPPE

Amides, tertiary, AEVU

Amidines, VDLI

Amido-ethers, TXRC

Amination, WLDC

Amine oxides, NMFI

Amines, VAAI

Amine salts, FEUD

Amines, branched-chain, XPPR

Amines, long-chain, XGIR

Amines, primary, JVSC

Amines, secondary, XLTO

Amines, tertiary, DRJK

Amines, volatile, TCXK

Amino acid esters, CKXW

Amino acids, GOUI

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Amino acids, acylated, EKMN

Amino acids, essential, KRLQ

γ -Aminobutyric acid, FLSH

Amino compounds, UMQA

Amino groups, UGKH

Amino groups, alpha-, HGAN

Amino groups, epsilon-, PDWN

Aminohippuric acid, DOFC

Aminolysis, NEOS

Aminomethanesulfonates, LQWV

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Aminostearic acids, XBFJ

Amino-steroids, JHBD

Aminosuccinic acid, SFKX

Amino sugars, UQJJ

3-Amino-1,2,4-triazole, FEMC

Ammonia, AFUE

Ammonium chloride, SJNU

Ammonium compounds, AVED
See also Hydrazonium compounds

Ammonium compounds, quaternary, JTHM

Ammonium compounds, substituted, JTHM

Ammonium hydroxide, DIQP

Ammonium molybdate, NWFK

Ammonium salts, NQJA

Ammonium soaps, UXNK

Ammonolysis, BFGQ

Ampholytics, FFDB

Amphoteric behavior and compounds, QUNE

Amplifiers, FXEB

Amplifiers, DC, carrier type, IWEI

Amplifiers, DC, direct-coupled, FPAS

α -Amylase, RMFW

Amylases, FVMR

Amylopectins, JIDM

α -Amylose, LLXB

Amyloses, ADHJ

Anabasine, JSIC

Anabolism
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Metabolism

Analogous, GRDA

Analysis, RTDE

Analysis, adsorption
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Analysis, bioassay, BGFL

Analysis, carbon-hydrogen, LSPR

Analysis, chemical, SFUP

Analysis, chromatographic
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Analysis, colorimetric, QFLJ

Analysis, conductometric, AECD

Analysis, displacement
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Analysis of fats, RLBV

Analysis, fluorometric, LGVI

Analysis, gravimetric, FFEQ

Analysis, inorganic, qualitative, KQMU

Analysis, inorganic, quantitative, LXJR

Analysis, macro-, QXHJ

Analysis, micro-, JHAB

Analysis, microbiological assay, IFAK

Analysis, organic, qualitative, IBFU

Analysis, organic, quantitative, VKQH

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Analysis, semi-micro, KOKO

Analysis, spectrophotometric
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Analysis, thermal, AGBL

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Anti-biotics, WQVS
See also Antiseptics

Antibodies, DAGA

Anti-carcinogens, KXQD

Anticoagulants, TSRV

Anti-foaming agents, RUDD

Anti-hypertensives, WERX
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Antimalarials, OQBX

Anti-metabolites, FUSE

Antimony, DFGM

Anti-odorants, FODM

Anti-oxidants, HAPK

Anti-rachitics, DJHQ

Antiseptics, IKWC
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Disinfectants

Anti-spattering agents, LLSI

Anti-static agents, LWKF

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Anti-vitamins, FUSE

Aorta, HJUQ

Apparatus, VEJK

Apples, HOPG

Applications, XIBL

Apricots, DUVN

Aquabase, KPTW

Aquaphor, KPTW

Arabinoses, HBFG

D-Araboascorbic acid, ROFI

Arachidic acid, KXSN

Arachidonic acid, BJJD

Arachin (peanut protein), XRER

Areas, AUXK

Arginine, EBSK

Argon, FLHJ

Aromas, TFNT

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Aromatic compounds, LATB

Aromatization, IMCL

See also Dehydrogenation

Arsenic, UAEH

Arteries, HJUQ

See also Blood vessels

Arteriosclerosis, XWJM

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Artifacts, RPQR

Arylation, PBWT

Aryl groups, TSWH

Aryl halides, FLFA

Aryloctadecanols, XHIF

Arylstearic acids, IORW

D-Ascorbic acid, NAXN

L-Ascorbic acid, SAVW

Ascorbyl esters, VPNT

Ash, LHEQ

Asparagine, QMGD

Aspartic acid, SFKX

Asphalt emulsions, XDSH

Assay, enzyme, TSJE

Assimilation, IBUD

See also Metabolism

Ataractics, KTMM

Atherosclerosis, NGDD

See also Arteriosclerosis

Atlas G-products, ONUO

Atmospheric conditions, MLCM

Atomic nuclear phenomena, FVCJ

See also Isotopes

Atomic structure, GNXX

See also Atomic nuclear phenomena

Atoms

Atomizers, OUVC

Atoms, OPJW

Aurones, DDUV

Autoclaving, RGGR

Autolysis, PVLJ

Autoxidation, QWJA

Auxins, MBUE

Avicel, IBXJ

Avocado oil, VKEW

Awards, ISOH

Azelaic acid, ANJO

Azeotropes, QLCW

Azetidine-2-carboxylic acid, CIDO

Azides, XEVQ

Azlactones, JRJL

Azo compounds, JHBH

See also Diazo compounds

Azure stains, TQIS

Babussu oil, FMOW

Bacilli, PRBP

See also Bacteria
Clostridia
Microorganisms

Bacillus thermoacidurans, TDOG

Bacteria, OQVG

See also Bacilli
Clostridia
Microorganisms

Bacteria, alkali-tolerant, VPOK

Bacteria, anaerobic, ICXH

Bacteria, halphilic, IXOL

Bacteria, intestinal, RXBK

Bacterial enzymes, MJTA

Bacterial identification, GWOQ

Bacterial pigments, GAXI

Bacteria, pathogenic, OUOX

Bacteria, psychophilic, VVTX

Bacteria, salt-tolerant, AJWT

Bacteria, thermophilic, CNCE

Bactericidal or bacteriostatic action, UQGP

See also Anti-biotics
Antiseptics
Disinfectants

Bactericides, AQMR

Bacteriology, VTSP

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Bacteriophage, PCRQ

Bacteroides, EQNW

Baking, JMQF
Ball mills, TQBL
Bananas, UHKK
Barbiturates, GWLQ
Barium, ISLW
Barium soaps, DABC
Barks, cedar, JJLT
Barks, conifer, JCMP
Barley, CAMD
Barre Co., NGBJ
Barrier creams, NMBX
Bars, detergent, DNID
Base-exchanging substances, WGMV
Basement membrane, ISAB
Bases, QKUS
Bases, heterocyclic, JFGW
Bases, organic, FRTA
Basic research, FMJN
Batch process, CSOG
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Batyl alcohol, EJRV
Baume scales, ISJO
Beans, WUVN
Beef, EVSW
Beef fat, NDTT
Beer, QHBJ

Beer-Lambert law, VFLK

Beeswax, DFAH

Beet juice, JAAF

Beetles, GICH

Beets, LFQH

Beet sugar, EDBB

Behavior, XSXU

Behenic acid, LSDX

Behenolic acid, TTSV

Bentonite, PQOT

Benzal chloride, HTIK

Benzaldehyde, HQXK

Benzene, PKHF

Benzenoid compounds, BAFR

Benzidine, OQNC

Benzimidazoles, PDEW

Benzine, HTRN

Benzoates, USMX

Benzoic acid, MEFA

Benzoic acid, Bureau of Standards, UCPD

Benzoquinone, RFGR

Benzoyl derivatives, FVKK

Benzylamine, IFMX

Beryllium, VJQP

Betaines, BSLL

Betulinol, GOND

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Bitterness, JJCT

Biuret reaction, LJEK

Blackberries, JWHB

Bleaching, NSCP

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Bleeding (of colors, dyes, greases, etc.), ACLI

Blenders, OQWK

Blenders, ribbon, TMMS

Blending (no shear), BEPA

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Bond lengths, LJSU

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Bonds, covalent, TTJV

Bonds, ionic, NJNC

Bonds, pi, electron, JAKL

Bonds, sigma, OVWT

Bone, ICMT

Bone black, UPRF

Bone meal, DLBF

Boranes, AVRv

Borates, WWHW

Borax, SKVX

Boric acid, MCOQ

Borneol, WHAX

Borohydrides, VPTC

Boron, INWB

Boron-10, WVIF

Boron fluoride, FUMP

Boron hydrides, AVRV

Boron trifluoride, FUMP

Botany Mills, ASHG

Bound water, PBDK

Bovine animals, DACQ

Bradford Corporation, TAIK

Brain tissue, GRBP

See also Nerve tissue

Branched-chain compounds, BLCJ

Branding fluids, wool, scourable, JOVO

Brand marks, (on hides), JQLP

Brassica genus, EJER

Brassicidic acid, NFWA

Bread softeners, EMHN

Breaking strength, QESR

Break of Leather, CVEC

Brines, TXSF

Briquetting, CCNB

Brix scale, JOAO

Broad-leaf plants, LBRH

Broccoli, WLMI

Bromelin, PGDJ

Bromination, RDPX

α -Bromination, MKPB

See also Hell-Volhard-Zelinsky

Bromine, XHUC

N-Bromoacetamide, PLFD

Bromoalonic dialdehyde, JQSI

α -Bromo-p-phenylacetophenone (p-phenylphenacyl bromide), XCTJ

Bromosteroids, TRBI

N-Bromosuccinimide, NVLD

Bromphenol blue, KPHG

Browning, enzymatic, PDKJ

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Bruising, IDCJ

Bubbles, DAHX

Budget, IOWL

Buffers, WKSQ

Buffers, acetate, AWWN

Buffers, acid, CDIC

Buffers, alkaline, DNOL

Buffers, borate, SMXJ

Buffers, citrate, DMMJ

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Buffers, phthalate, SPXV

Buffers, veronal, CXMB

Builders, (soap & detergent), SDBX

Bull hides, SVWD

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2-Butenoic acid, cis-, RKHN

2-Butenoic acid, trans-, GNJC

Butter, ERWS

Butterfat, ERWS

Butter flavor, DUCM

Butter substitutes, OUWS

Butyl groups, CSKL

tert-Butyl hypochlorite, BIVE

Butyric acid, UIRK

Butyrospermol, MBFO

By-products, ROHH

Cabbage, TCOE

Cachaza, KEPO

Cadmium soaps, OOUC

Caffeic acid, KKSX

Caffeine, FJTH

Caffetannins, KCHO

Calciferol, WDGX

Calcification, PJJM

Calcium, XMIW

Calcium chloride, SAVX

Calcium hydroxide, RCXJ

Calcium oxide, RCXJ

Calcium phosphates, VWOD

Calcium salts, RWGK

Calcium soap dispersions, TRSC

Calcium soaps, VFVX

Calcium stability, OATN

Calfskins, ONSP

Calibration, KAOS

Caloric intake, XWLC

Caloric studies (nutrition), VANR

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Calorimetry & calorimeters, LXEG

Carbohydrate thioethers, HRAC

Carbon (elemental), NMXQ

Carbon-14, RXAS

Carbon, activated, UPRF

Carbon black, (pigment), MXUG

Carbon chain extension, MOTM

Carbon dioxide, ~~HKJH~~

Carbon disulfide, XRCG

Carbonic acid, QTEA

Carbonium ions, BUNX

Carbon monoxide, AIHA

Carbon tetrachloride, JUKA

Carbonyl chloride, SLAK

Carbonyl compounds, SMAB

See also Aldehydes
Ketones

Carbonyl determination, FJCM

Carbonyl group, OGIX

Carbowax compounds, RHOJ

4-Carboxy-2-azetidinone, QNVP

Carboxylation, NEKD

Carboxyl group, EOAW

Carboxymethylcellulose, IWNI

Carboxymethyl group, KOJX

Carboxypeptidases, PCPI

Carboxylpolypeptidases, PCPI

Carcinogenesis, inhibition of, KXQD

Carcinogens, NELL

Carcinolytic agents, AMQJ

Carcinoma, DJRR

Carnauba wax, JUNC

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Carotenoids, UBMU

Carpet cleaning, AWWB

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Carriers, fibrous (for abrasives & polishes), WAJA

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Castor oil, hydrogenated, LUXN

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Cathode followers, VAJS

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Celite, SUEW

Cell constituents, KPKJ

Cell division, SMSK

Cellobiose, RIJQ

Cellophane, NXMG

Cells, WKEV

Cellular morphology, AMEU

Cellulase, CALK

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Cellulose acetate, UNKT

Cellulose derivatives, GVEF

Cellulose powder, RQHR

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Centrifuges & centrifugation, PING

Cephalins, PXPE

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Ceramics, BHIS

Ceramol, KCBP

Cereals, QELF
See also Grains

Cerebrin, CKME

Cerebronic acid, XFKT

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Cerotic acid, XFJG

Cerumen, CVOP

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Chain degradation, LXCP

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Cheese, cottage, QUEP

Chelate compounds, GMRV

Chelating agents, BMMR

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Chloranilic acid, VELQ

Chlorantine Fast Red Stain, DGKV

Chlorates, OVQG

Chlordan, WEHI

Chloride, ion, TVLS

Chlorides, NDWB

Chlorination, ICTD

Chlorine, GWES

Chlorine liberators, NJLD

Chlorites, XWNN

Chloroacetates, QFUE

2-Chloro-N,N-diallylacetamide, XUBV

2-Chloro-4,6-bis(diethylamino)-S-triazine, TFAF

2-Chloro-N,N-diethylacetamide, GJGN

bis-(2-Chloroethyl)-ether, OEDK

Chloroform, JWWG

Chloroformates, XOJN

Chlorogenic acid, OWGW

Chloro-iodo compounds, NNSE

Chloromethylation, LRFA

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3,5-Cholestadien-7-one, XGWI
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Chromatography, columnar, normal phase, AHOC
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Chromatography, liquid or flowing, KOPW
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Chromatography, partition, liquid-liquid, JICO
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3,5-Dinitrobenzoates, EMBU
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4,6-Dinitro-o-sec-butyl phenol, USKC
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Dryers, foam mat, TVBD

Dryers, freeze, XSPR

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Enynes & Diynes, IWPJ
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Enzymes, RSE
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Enzymes, fungal, SCJE
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Epoxidation, IIBV
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Fats, inedible, OLG I

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Fats, oxidation of (beyond induction period), MXIT

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Fatty acids, derivatives of, BMMM

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Fatty acids, diunsaturated, XNGT

Fatty acids, epoxy, AJSG

Fatty acids, epoxy, naturally-occurring, TGES

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Fatty acids, free, NBQA
Fatty acids, haloacyloxy, BBIJ
Fatty acids, haloalkoxy, HRCF
Fatty acids, halogenated, XMVC
Fatty acids, halohydroxy, VCVQ
Fatty acids, hydroxy, WXRC
Fatty acids, hydroxyamino, BJGL
Fatty acids, keto, JTBF
Fatty acids, long-chain, SNVO
Fatty acids, methylene, WEGW
Fatty acids, microorganism, UAJV
Fatty acids, monohydroxy, KNTM
Fatty acids, monounsaturated, PNMQ
Fatty acids, odd-carbon, OAEX
Fatty acids, oxygenated, FKPP
Fatty acids, polybasic, NRLI
Fatty acids, polyhydroxy, CMJT
Fatty acids, polyunsaturated, GXKO
Fatty acids, saturated, WFKN
Fatty acids, short-chain, CWFO
Fatty acids, substituted, UUWU
Fatty acids, sulfonated, UPCD
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Fluid dynamics, WEQI

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Furfuran, AKID

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Glucofructosans, ACGG

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1,4-Glucosaccharides, NHXB

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D-Glucose, NNRF

D-Glucose, 3,6-di-O-methyl, LGJK

D-Glucose, 4,6-di-O-methyl, MWBM

D-Glucose, 2-O-methyl, PHBC

D-Glucose, 6-O-methyl, UIRE

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Glucosides, AEPM

β -Glucosides, MRVM

Glucuronic acid, UDIR

α -Glucuronidase, SEPT

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Glycosamine, TRBM

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Monomethyl arsonic acid, WCEF
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Ointments, washable, EBEN

Oiticica oil, UEOL

Oleanolic acid, PVHM

Olefins, GCBF

Olefins, terminal, EHEF

Oleic acid, LPHQ

Oleomargarine, OUWS

Oleo oil, MSBG

Oleostearin, PUQA

Oleo stock, NTVK

Oleum, GPVP

Oleyl alcohol, NWRK

Oleyl oleate, WLVD

Oligopeptides, EJLX

Oligosaccharides, CFUR

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Polysaccharides

Olive oil, QXQJ

Olive-seed oil, GFGH

Opalescence, FOWF

Optical activity, OCBN

Optical bleaches, MSTW

Optical density, UREU

Optical properties, TUSM

Optical rotation, OCBN

See also Mutarotation

Walden inversion

Optical rotation, molecular, DOQT

Optics, VMDV

Orange juice, BTQU

Oranges, TMXO

Orbital, atomic, VVJS
Orbital, molecular, UBFB
Orcein, JGVO
Orcein stain, LVXS
Orcinol, IRQL
Orcinol-Fuchsin stain, ODVG
Ore flotation, EELR
Orientation of molecules, DMTI
Origin, GLKS
Organic chemistry, QUQI
Organic thiosulfates, DIFO
Organometallic compounds, PFBR
Ornithine, NSMA
Osazones, JJSA
Oscillation, BEHX
Oscillators, RERN
Oscillographs, FWQG
Osmium, EKVQ
Osmium compounds, KJKL
Osmotic pressure, AQJO
Ost reagent, INTX
Ouricoury wax, RFDK
Ovalbumin, KHVE
Overhauser effect, WBNG
Ovomucinase, BEWG

Ovomucoids, ACKB

Oxalacetic acid, RCSP

Oxalamide, IXNF

Oxalates, BRHX

Oxalic acid, BSPD

Oxamic acid, DPEE

Oxamide, IXNF

Oxazolones, XGRI

Ox fat, NDTT

Ox hides, KVQU

Oxidases, NARI

Oxidation, IPGR

See also Autoxidation
Epoxidation
Heat of oxidation
Ozonization
Redox

Oxidation, air or oxygen, AEGJ

Oxidation, β -, CXJF

Oxidation, N-bromo amide, MUSW

Oxidation, chemical, INXU

Oxidation, chromic acid, UWDC

Oxidation, dichromate, UKCB

Oxidation, electrolytic, CWLI

Oxidation, hydrogen peroxide, AHXC

Oxidation, hydroperoxide, RTMI

Oxidation, lead tetraacetate, WBUT

Oxidation, microbiological, LRFI

Oxidation, nitric acid, ESIJ

Oxidation, Oppenauer, PFCC

Oxidation, ozone, FNFD

Oxidation, peracetic acid, LISV

Oxidation, performic acid, HLJA

Oxidation, periodic acid, DSPQ

Oxidation, permanganate, ULFO

See also Hydroxylation

Oxidation, peroxide, SKMM

Oxidation, peroxyacid, KWIJ

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Hydroxylation

Oxidation-reduction systems, JIGW

Oxidation-reduction systems, aqueous, WSLI

Oxidation-reduction systems, non-aqueous, PWCE

Oxidation, selective, KRIV

Oxidation, selenium dioxide, SPAC

Oxidative degradation, OLPF

Oxides, EUDS

Oximes, QUPG

Oxirane, PRXE

Oxirane, determination of, EJFM

Oxirane reactions, MADU

Oxirane reactions with acids, QHJC

Oxirane reactions with methylenes, URAU

Oxirane reactions with nitrogen compounds, WPLQ

Oxo-acids, MASG

Oxo-alcohols, IMRN

Oxo compounds, SMAB
See also Aldehydes
Ketones

Oxo-esters, TQMU

Oxo process, KLET

Oxosuccinic acid, RCSP

Oxyalkylation, VEDG

Oxycholestenol, WBLQ

Oxycholesterol, EUSO

Oxyethylated compounds, LHJS

Oxygen, VMXO

Oxygen-17, DOMB

Oxygen-18, RUNN

Oxygen compounds, cyclic, TFJM

Oxygen level, AXUR

Oxygen scavengers, food, ORMG

Oxygen scavengers, non-food, WHFB

Oxystarch, SJBA

Oxytalan fibers, BBDF

Ozokerite, MOSO

Ozone, XAGN

Ozonization, FNFD

Pacific Mills, NWHH

Packaging, protective, AEOH

Packed beds, LODU

Packing, distillation column, CLQG

Packing, distillation column, star, THPT

Packing effect, NNVA

Packing (tower and bed), BMHP

Paddle finishers, WJNF

Paddling, NACA

Paint additives, DNVB

Painting (of calfskins), NUPO

Paints, QDEX

Palladium, MGHU

Palmitic acid, SFGO

Palmitoleic acid, PEOM

Palm kernel oil, PIRX

Palm oil, JKGD

Palm wax, RLKV

Pancreas, KVEV

Pancreatin, LGXW

Panose, DODX

Papain, KFCR

Papayotin, KFCR

Paper, SUCB

Paper-coating materials, AJGK

Parachors, SQNW

Paraffins, XFFG

Paraffins, sulfonated, FOET

Paraffin waxes, ELKW

Paraformaldehyde, VOFN

Paramagnetic resonance, JUTO

Paramagnetism, KPBX

Parasitology, RQSH

Parkeol, ALFP

Parnas-Wagner apparatus, XDKJ

Parthenocarpy, BOUM

Particle size, distribution, OKAA

Particle size, effects, CJMF

Particle size, measurement, JFED

Partition, PTUO

See also Chromatography

Extraction, liquid-liquid

Partition coefficients, OUEF

Pastes, KTCN

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Pasteurization, NMKW

Patch tests, VKOM

Patents, RJNV

Peaches, VVXQ

Peanut oil, AXER

Peanut proteins, XRER

Pears, WEJH

Peas, HHCM

Pectase, RLQS

Pectic acids, RHFV

Pectinase, JTIJ

Pectin-degrading enzymes, JDCO

Pectinesterase, RLQS

See also Protopectinases

Pectin gel, RVUG

Pectins, SESK

Pectolase, JTIJ

Peeling, coring and stemming, TLQI

Pelargonic acid, NCGA

Pelletizing, SKDU

Penetration, VLST

Penicillins, RHPO

Penicillins, inactivation of, AWDE

Pentachlorophenol, VTPR

Pentadecanolide, SWIQ

Pentaerythritol, IAHU

Pentosans, TWXW

Pentoses, NQCN

Peppery compounds, QMLA

Pepsin, FFBM

Peptidases, WJJA

Peptide nitrogen, CLHI

Peptides, HBFU

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Tripeptides

Peptization, BPXW

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Colloids

Peptones, CMAV

Peracetic acid, VJEH

Peracids, FBNF

Peracids, inorganic, AWHS

Peracids, long-chain, TAMD

Peracids, organic, UPXS

Perbenzoic acid, TUAW

Perborates, QFTE

Perchloric acid, NOPE

Perchlorates, REMU

Perchloroethylene, MMMM

Percolating, NBJS

Perfluorooctanoic acid, RDHK

Performic acid, JNII

Perfumery, GPBT

See also Odors

Perhydrosqualene, KWXC

Periodates, HKPV

Periodic acid, NDEU

Periodic acid-diamine stain, GIDS

Periodic acid-Schiff stain, MACD

Permanganates, XTKQ

Permeability, GKMF

Peroxidases, VAUU

Peroxide determinations or values, NNGI

Peroxides, QCOS

See also Hydroperoxides

Peroxides, inorganic, FVQS

Peroxides, organic, CFJP

Peroxides, preparation of, CPCF

Peroxides, properties of, BIGT

Peroxyacetic acid, VJEH

Peroxy acids, FBNF

Peroxy acids, long-chain, TAMD

Peroxy acids, organic, UPXS

Peroxybenzoic acid, TUAW

Peroxyformic acid, JNII

Personal data, HEAU

Personal requirements, ODCC

Persorption, DIQG

Perspiration, JJBD

Persulfuric acid, NVXW

Pertex, PIPT

Pest control, IEMK

Pesticides, XERB

See also Disinfectants

Fungicides

Insecticides

Petrocera, UQLU

Petrolatum, IQAX

Petrolatum, liquid, NGHD

Petroleum, BPTH

Petroleum distillates, IERB

Petroleum ether, HTRN

Petroleum fractions, EDJN

Petroleum jelly, IQAX

Petroleum, liquid, ONTB

Petroleum naphtha, TWCF

Petroleum, origins of, TDRV

Petroleum spirits, APDV

Petroleum sulfonates, RSNB

Petroselaidic acid, PXJT

Petroselinic acid, EBCP

Petrothene, OQOJ

pH, GKEC

pH control, JXMW

pH determination, NNHS
See also Glass electrode

pH, differential, LTXT

pH, influence of, TKDN

Pharmaceuticals, WLOF

Pharmacology, GSAE

Phase changes, AKRE

Phase diagrams, ORSW

Phase microscopy, XGTN

Phase rule, RCQG

Phases, UJKU

Phase transitions, EXUG

Phellonic acid, IDWE

Phenanthrene derivatives, KQRR

Phenanthrene, 1,2-penteno, UDFW

Phenol, JKCF

Phenolases, HLRE

Phenolic acids, WSGK

Phenolic compounds, LBUJ

Phenolic groups, VIDU

Phenoloxidases, HLRE

Phenothiazine, JCOM

Phenoxy acids, EKQE

4-Chlorophenoxyacetic acid, PIVT

2,4-Dichlorophenoxyacetic acid, FIUS

3,4-Dichlorophenoxyacetic acid, APRF

4-(2,4-Dichlorophenoxy)butyric acid, EMIL

2,4-Dichlorophenoxyethyl sulfate, SIBF

2-(2,4-Dichlorophenoxy)propionic acid, UAEC

2-Methyl-4-chlorophenoxyacetic acid, RDNQ

4-(2-Methyl-4-chlorophenoxy)butyric acid, OKWF

2-Methyl-4-chlorophenoxyethyl sulfate, MFRI

2-(2-Methyl-4-chlorophenoxy)propionic acid, XXHR

2-4,5-Trichlorophenoxyacetic acid, GVMJ

4-(2,4,5-Trichlorophenoxy)butyric acid, OKCS

2,4,5-Trichlorophenoxyethyl sulfate, IAQG

2-(2,4,5-Trichlorophenoxy)propionic acid, CXSF

β -Phenylacrylic acid, trans-, FSAW

Phenylalanine, LCMV

p-Phenylazobenzoyl chloride, MCSD

Phenyl esters, QRFB

Phenylhydrazones, PBIL

Phenylisithiocyanate, WXPR

Phenyl mercuric acetate, WTSF

p-Phenylphenacyl bromide, XCTJ

p-Phenylphenacyl esters, WBIT

o-Phenylphenol, AEQH

Phenylpyruvic acid, EMRH

Phenylthio-carbamide, ENBW

3-Phenyl-2-thiohydantoin, RPHE

Phenylthiohydantoins & derivatives, PCDR

Phenylthiourea, ENBW

Pheophytin, PROX

Phlobaphenes, JCNT

Phloionic acid, NKED

Phloionolic acid, NKED

Phosgene, SIAK

Phosphatases, IXRF

Phosphate esters, OASS

Phosphate mixtures, IBUN

Phosphates, SAUJ

Phosphatides, CXJG

Phosphinates, OEJM

Phosphine oxides, OEJU

Phosphines, SXBE

Phosphinic acid, FMAQ

Phosphinites, NALB

Phosphinous acid, LBDI

Phosphites, FGSR

Phosphoglyceric acid, XFBG

Phospholipases, VSVQ

Phospholipides, CXJG

Phosphomolybdic acids, VRHE

Phosphonates, KWWF

Phosphonic acids, BITC

Phosphonites, EIQH

Phosphonium compounds, CAUP

Phosphonous acids, NDLD

Phosphorescence, IJVV

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Luminescence

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Phosphorescence, quenching of, QPFA

Phosphoric acid, STMV

Phosphorous acid, IJBJ

Phosphorus, QIBW

Phosphorus compounds, JIGD

Phosphorus compounds, double bond addition, IXTW

Phosphorus compounds, nitrogen-containing, NUKT

Phosphorus compounds, reactions, DWUJ

Phosphorus compounds, sulfur-containing, DDCK

Phosphorus halides, CQKK

Phosphorus oxides, UVBK

Phosphorus oxychloride, CNQA

Phosphorus pentachloride, CBHX

Phosphorus pentasulfide, WKNG

Phosphorus sulfides, AEMC

Phosphorus trichloride, WJSB

Phosphorylases, FMTJ

See also Transphosphorylases

Phosphoryl chloride, CNQA

Phosphotungstates, LBPR

Phosphotungstic acids, LBPR

Photocells, KORB

Photocells, barrier layer, STKX

Photocells, emissive, JQKI

Photocells, multiplier, EASE

Photocells, semiconductive, EPHB

Photochemistry, OFGS

Photo effects, QIGF

Photographs of people, SEEK

Photography, BCAF

Photography, color, ITTV

Photography, theory, PEBK

Photoluminescence, ONWD

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Luminescence

Phosphorescence

Photolysis, IOTQ

Photometry, QNAN

Photomicrography, UTUU
Photosynthesis, ETMJ
Photothermography, HOPO
Phrenosinic acid, XFKT
Phthalates, UHOF
Phthalic acid, TIHJ
Phthalic anhydride, XUHR
Phthienoic acid, NTFX
Phthiocerane, KGFX
Phthiocerol, IOJQ
Phthioic acid, IJNS
Phyllanthol, XOQR
Physeteric acid, QCMN
Physical chemistry, KFED
Physical constants, ACUE
Physical properties, WJPD
Physics, SURL
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Physiological chemistry, animal, VEUO
 See also Biochemistry
Physiological chemistry, plant, MMRQ
Physiology, animal, SCVC
Physiology, microbial, DANV
Physiology, plant, TQOL
Phytic acid, ERJD

Phytochemistry, MMRQ
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Phytopathology, DRAF

Phytosterols, PATA

Pickling of foods, TICJ

Pickling of hides, WLAB

Pickling of metals, JUHR

Picolines, ILNA

Picric acid, USDL

Piezoelectric devices, FDQE

Pigments, DKSQ

Pigments, bacterial, GAXI

Pigs, AJVU

Pigskins, MBOW

Piling, EEER

Pilot plant scale methods, ILHC

Pineapples, EIHV

Pinguinain (enzyme), QOSI

Pinic acid, TFCU

Pipecolic acid, IGXE

Pipecolic acid, 4-hydroxy-, XEXJ

Piperidine, JNVC

Pipets, XTCH

Pipey grain, LGRH

Piping, LLHE
See also Ducts

Pitting (fruit), UDHG

pK values, XHLD

Plant cuticle, BFND

Plant design, DWEW

Plant dormancy, JWQM

Plant enzymes, AFPP

Planteose, XWXX

Plant location data, NFBH

Plant material, EGJR

Plant nutrition, TVKR

Plant pathology, FNBS

Plants, VXWC

Plant scale methods, QCAC

Plant viruses, KEVP

Plasma, blood, TFIN

Plasma cholesterol, ILLH

Plasma lipides, KSTD

Plastic deformation, BGUR

Plasticizers, QUUI

Plasticizers, aliphatic & alicyclic, LADV

Plasticizers, aromatic, DXTM

Plasticizers, external, XUND

Plasticizers, internal, WQRO

Plasticizers, mixed, OHBU

Plasticizers, stabilizing, MXJO

Plastics, QGGO

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Plastid pigments, QPPB

Plastigels, PQHO

Platinum, RMQB

Plums, TKNJ

Pluronics, FGVQ

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Polarity, RCLR

Polarization, dielectric, JUIW

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Polarization, electrolytic, TNNJ

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Polarization microscopy, FBSU

Polarization of rays or waves, VNRQ

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Polarography, RNDV

Polishes, wax, IPJE

Polishing materials, QDHU

Pollution, stream, BWBA

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Polyamides, MXMV

Polyalkyleneglycols, PJTC

Polyamino compounds, KBFU

Polyampholytes, FOLK

Polychol, ONUO

Polyelectrolytes, MTBG

Polyenols, RATT

Polyesters, AACS

Polyethers, EONO

Polyethylene, OQOJ

Polyethyleneglycol esters, PWXX

Polyethyleneglycol ethers, LPJQ

Polyethyleneglycols, RHOJ

Polyethylenepolyamines, AHIG

Polyethylene tubing, QIKV

Polygalacturonase, JTIJ

See also Pectase

Polyglucoses, ABTF

Polyisocyanates, IVMM

Polyisoprenes, TNHO

Polylan, PLIN

Polymerizable compounds, BMLP

Polymerization, BUDP

See also Heat of polymerization

Polymerization, anionic, VCBF

Polymerization, bead, NOPG

Polymerization, bulk, BTPH

Polymerization, cationic, CIJJ

Polymerization, condensation, AHPA

Polymerization, dispersion, NOPG

Polymerization, emulsion, JKQT

Polymerization, free radical, REAV

Polymerization, ionic, OLVG

Polymerization, redox, IIBX

Polymerization, solution, JRGE

Polymerization, suspension, CGSU

Polymerization, thermal, CFRD

Polymers, XOWN

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Plastics

Resinous products

Polymers of acrylic acids, BVQX

Polymers of aldehydes, ALDT

Polymers of aliphatic olefins, MPKG

Polymers of butadiene, HDFE

Polymers, condensation, ENSI

Polymers of epoxy compounds, KJCP

Polymers of formaldehyde, VOFN

Polymers, fractionation of, VCLL

Polymers of isoprene, TNHO

Polymers of lactic acid, JAKS

Polymers of maleic & fumaric acids, KMVD

Polymers of modified oils, UPQT

Polymers, natural, PXAO

Polymers, rubber-like, FVRD

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Polymers, silicone, OBAP

Polymers of styrene, IUIC

Polymers, vinyl, FPEN

Polymers of vinyl alcohol, DKKK

Polymers of vinyl chloride, MKHH

Polymers of vinyl esters, PLVH

Polymers of vinyl ethers, DDQA

Polymers of vinylidene chloride, QKDS

Polymers of vinyl pyrrolidone, WPRG

Polymers, viscosity of, OTOK

Polymorphism, XPMC

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Polyols, LCGU

Polyoxyethenes, LHJS

Polyoxymethylenes, VOFN

Polypeptides, IEJB

Polyphenoloxidase, POBC

Polyphenols, UTTA

Polyphosphorus compounds, FXHQ

Polyporenic acids, DNPX

Polypropylene, OFIV

Polysaccharides, OTXT

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Polysaccharides, dextrorotatory, DTGM

Polysaccharides, levorotatory, PMIA

Polysaccharides, sulfated, NNKD

Polysoaps, QQGH

Polysulfides, URND

Polythene, OQOJ

Polyurethanes, XDPN

Polyvinyl sponges, EIUQ

Pomades, AMNK

Pore space, NGKE

Pork, WEIL

Pork fat, QTJN

Porphyrins, BXQF

Post emergence, KWER

Post-mortem changes, PBLV

Potassium, VJWJ

Potassium cyanate, MCVH

Potassium permanganate, CXPM

Potato composition, BBEF

Potatoes, LOQS

Potato flakes, RQDK

Potato granules, MKBL

Potential, electric, AJKR

Potentials, Half-wave, RXTX

Potentiometry, NRUL

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Poultry, NEVQ

Poultry feed, FDKT

Powders, HLAH

Power supplies, electric, VVLQ

Precipitants, BKGT

Precipitation, TGAW

Precision, JPUV

Precursors, GUFA

Pre-emergence, DCIK

Pregnane derivatives, WVIQ

Preheaters, EQML

Pregnene derivatives, TNMG

Preparation, UWOV

Preservation, FFPS

Presidential Commission, LIUO

Pressing, JKEW

Pressure, HLOX

Pressure, subatmospheric, IHER

Pretannage, OMQG

Pretreatment, hide, HTLX

Prices, GAPN

Price support, IOQO

Processing, CHUJ

Processing methods, DLLU

Process optimization, HCSB

Procollagen, UREM

Production, OXTF

Proelastase, CUQJ

Progesterone, CIAF
Program appraisal, COTM
Progress reports, Senate, SADK
Projects, BAAJ
Prolamines, TSXP
Proline, LDCP
Propane, JOOE
1,2-Propanediol, XXRT
1,3-Propanediol, MIWJ
Propane ring compounds, BUWM
Propellants, LEAS
Propellers, SGOB
Propene, GWOE
Properties, XUUI
Properties, chemical, RSAD
Properties, leather, CCFM
Properties, physical, WJPD
Propionic acid, QEEV
Propyl alcohol, MERD
Propylene glycol, XXRT
Propylene oxide, SAWR
Proteases, GTJH
Protective coatings, QDEX
Protective coatings, temporary, TWHF
Protegin X, KPTW

Protein quality, RJUA

Proteins, HTQS

Proteins, denaturation of, RUSG

Proteins, dietary, NHLI

Proteins, globular, VWCV

Proteins from seeds, DRXV

Proteins, separation of, IVXT

Proteins, serum, ROCE

Proteins, structure of, WNAT

Proteins, synthesis of, VUJB

Proteolytic activity, JUJS

Proteoses, LIOV

Prothrombin, URQL

Protopectinases, OJJF

Protoplasts, WKEV

Provitamin A, MOFS

Provitamin D₃, MKVV

Provitamins D, HIAI

Pseudomonas, BJQF

Psicose, FLLU

Publications, LXUM

Public speaking, KNMD

Puffing (instantizing), UHNS

Pugging, LAKU

Pulmonary diseases, TBTK

Pulp, paper, SUCB

Pulpers, WJNF

Pulse techniques (electronics), DQBP

Pulverization, HLAH

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Pumpkins, PBJX

Pumps, KWRK

Pumps, centrifugal, LIFK

Pumps, reciptocating, OMBX

Pumps, rotary, SICP

Pumps, special, KUNQ

Pumps, vacuum, KNNV

Punched cards, FITE

Pungent substances, QMLA

Purees, WDJW

Purification, JIQU

Purines, KNEU

Putty, UCGG

Pyradoxamine, QMOV

Pyrex glass, GNUQ

Pyridine, SXSX

Pyridine nucleotides, SPQH

Pyridine-type bases, DDDS

Pyridinium compounds, GTKS

Pyridoxal, MQXL

Pyridoxine, MIOE

Pyrimidines, RESL

Pyroaspartic acid, QNVP

Pyrogallol tannins, MXTC

Pyroglutamic acid, FMWP

Pyrolysis, NAPP

4-Pyrone,5-hydroxy-2-(hydroxymethyl)-, EEFV

Pyrophosphates, EQXR

Pyrosulfates, DRDC

Pyrrole, VARN

Pyrrolidine, CIQO

Pyruvic acid, NSCV

Pyruvic acid, hydroxy-, WFIG

Pyruvic acid, phenyl-, EMRH

Quadrupole, OBAF

Quality, DGPV

Quantum mechanics, DWUA

Quasi-racemic substances, VNUC

Quaternaries, JTHM

Quebracho, KILQ

Quercetin, KBBT

Quercetin, dihydro-, LMFF

Quercitrin, WVBE

Quinic acid, QJUL

Quinol, NRHR

Qunioline, GDWN

Quinolinium compounds, CGAP

Quinones, VXQG

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Radioactive labelling, TMGU

Radioactive substances, QMDX

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Tracers, radioactive

Radioactivity, VMHD

Radiocholesterol, NUKR

Radioelements, QMDX

Radiography, OOFW

Radiography, auto, KDRC

Radishes, BWAG

Raffinose, VLKS

Raman spectra, MAMX

Rancidification, mechanism of, KQQV

Rancidity, GHXC

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Rancidity, tests, RQIK

Randomization (of glycerides), GOOB

Raney cobalt, RQAF

Raney nickel, JFHO

Rapeseed oil, IGQO

Rare earth elements, FDMP

Raspberries, TMGJ

Rate, respiration, EEVV

Rates, FJJJ

Rats, LHKW

Raw materials, GDQE

Raw (uncooked), FVSP

Rayon, viscose, UVGL

Reaction, desulfurization, LETP

Reaction kinetics, WGQU

Reaction mechanisms, PNJJ

Reaction rates, WGQU

Reactions, KCHH

Reaction velocity, WGQU

Reactivity, SSHW

Reagents, SWOL

Rearrangement, directed (of glycerides), QIET

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Recovery, NFSD

Recrystallization, KFKA

Rectification, EXFA

Red heat (hide damage), XSGK

Redox, JIGW

Redox, aqueous, WSLI

Redox, non-aqueous, PWCE

Reducing agents, AAPD

Reducing sugars, FCPD

Reduction, GFVK

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Reduction, biological, PUKC

Reduction, borohydride, FBAT

Reduction, chromous chloride, OBCA

Reduction, Clemmensen, UQIH

Reduction, electrolytic, XVTB

Reduction, lithium aluminum hydride, ADEB

Reduction, metal hydrides, BROQ

Reduction, sodium, DQTN

Reduction, Wolff-Kishner, NFGG

Reduction, zinc and acid, MTII

Reductones, QKAW

Refining, alkali, HQAB

Reflectance, RSDS

Refraction, molecular, HWBI

Refractive index, SLTF

Refractories, BFRB

Refrigerants, IGEF

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Regeneration, JPGU

Regulators, LLOS

Regulators, current, VLOD

Regulators, flow, RBLN

Regulators, flow, gas, LRQA

Regulators, flow, liquid, WSOW

Regulators, frequency, MWFF

Regulators, humidity, UFHS

Regulators, level, AGNE

Regulators, pressure, BNFN

Regulators, pressure, subatmospheric, GHOI

Regulators, temperature, BSPE

Regulators, voltage, DKWN

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Relaxation (NMR), MMVM

Relaxation times, OGXA

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Resilience, SCQL

Resin acids, HVSK

Resinification, QUAP

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Resistance, electrical, SIUQ

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Resistors, nonlinear, PBAH

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Resonance, NKTV

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Ribonucleic acids, ICEK

Ribose, XWDR

Ribosides, NBHV

Rice, XFIQ

Rice bran oil, CJUN

Rice bran wax, PFAL

Ricilan, PLIN

Ricinoleic acid, HLNP

Rindite, JEKA

Rinehart-Hale stain, BXWD

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Ring formation, JNGU

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Saccharinic anilides, UBCE

Saccharomyces, OCER

Saccharose, LBAO

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Salicylates, STHX

Salicyclic acid, HADI

Salicyloylhydrazide, KUAT

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Salivary glands, KWSV

Salkowski test, DLBE

Salt, DGTU

Salt effects TXJO

Salts, LGPB

Salt spots (on hides), UEGQ

Salves, DNSM

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Sapamines, QRTS

Sap, maple, TAHN

Sapogenins, WTQD

Saponification, KUEP

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Saponification, differential, LKAV

Saponification number, PDRN

Saponification, pressure, JEHI

Saponification, selective, LKAV

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Sarcosinates, NNWR

Sarsasapogenin, AGVS

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Scud, PSQP

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Seals, rotary vacuum, IGRI

Sea water, APON

Sebaceous glands, SJVC

Sebacic acid, KHGU

Sebum, OWWR

Sedatives, UUGJ

Sediment, WEBN

Sedimentation, WTIM

Sedimentation constant, AIDA
Sedoheptulose, WQDN
Sedoheptulosan, EUQU
Seed proteins, DRXV
Seeds, BNPR
Selacholeic acid, UIAK
Selective stains, GTNW
Selenium, NTTQ
Selenium compounds, HUUF
Selenium dioxide, OMAL
Semi-batch processes, BLCC
Semicarbazides and semicarbazones, UIEI
Semiconductors, QHQU
Semi-micro analysis, KOKO
Sensitivity to antibiotics, GRAN
Sensitivity of apparatus, QKIH
Sensitivity of methods, TNLI
Sensitization, PNXX
Sensory testing, APFG
Separation, BEFK
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Separators, centrifugal, PING
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Sequence, TBQJ
Sequestering agents, UEKK

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Serine, GNRT

Serum albumin, KFTI

Serum, blood, XHXC

Serum cholesterol, ILLH

Serum lipides, KSTD

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Sesame oil, MPIP

Sesquiterpenes, EIPA

Sesquiterpenoids, EIPA

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Sewage, detergents in, ESSE

Sewage treatment, JPOG
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Shampoos, DRHM

Shape, QHNI

Shark-liver oil, WCQE

Sharks, FEDV

Sharkskin, UGXA

Shea butter (shea-nut oil), LGUU

Sheep, GHWC

Sheep-branding fluids, scourable, JOVO

Sheep fat, OQMM

Sheep skins & hides, KEDO

Sherbets, WOII

Shielding, ACHR

Shikimic acid, AUNP

Shipping, FWWE

Short-chain compounds, WQHP

Shortening, animal fat, UJXU

Shortening, hydrogenated vegetable, XRLF

Shotting, TXFU

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Shrinkage, FGNM

Shrinkage, reversible, FHWG

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Shrinkproofing, HMRS

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Side-chain degradation, JWKN

Side-chain groups, non-polar, JGLT

Side-chain groups, polar, FHXX

Side-stream drainoff, OEPP

Sigma constant, Hammett's, XJFA

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Silanes, SKAT

Silica gel, QXFR

Silicates, JTQV

Silicic acid, QXFR

Silicon, ADPJ

Silicon derivatives, fatty materials, MJUN

Silicone polymers, OBAP

Silicones, MDRK

Silicon tetrachloride, JGCF

Silicotungstic acid, MJEH

Silk, BGIF

Silver, AVNV

Silver impregnation, DNBV

Silver soaps, KCIU

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Skim milk, WPHR

Skin, absorption by, SVRR

Skin, animal, RJLS

Skin, human, PBFL
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Dermatology

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Skin protection, CLOO
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Slushing compositions, TWHF

Smilagenin, TDNI

Smoke, MQSS

Soaking, MLMX

Soaps, UEFN

Soaps, alkaline earth, SDRK

Soaps, dry-cleaning, AHPP

Soaps, floating, KFUS

Soaps, lanolin, JJHA

Soaps, liquid, LKLQ

Soaps, medicated, KLRC

Soaps, metallic, SDRK

Soaps, oil-soluble, FWEC

Soaps, powdered, CBBF

Soap stock, KAUL

Sodium, JHDA

Sodium amide, TETA

Sodium benzoate, CVAT

Sodium bisulfite, AGRV
Sodium carbonate, OCRR
Sodium chloride, DGTU
Sodium chlorite, IOXL
Sodium cyanate, RKGA
Sodium cyanide, LMVX
Sodium dispersions, TJXS
Sodium fluoride, NNFM
Sodium handling, XCNJ
Sodium hydroxide, XUAH
Sodium nitrite, BRLW
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Softening, XOAC
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Soil conditioners, XCJO
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Solan, ONUO
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Solvent naphtha, JRHB

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Solvents, hydrocarbon, SXDF

Solvents, hydrocarbon, chlorinated, GFJS

Solvents, ketone, KKQF

Solvents, organic, VLMQ

Sorbic acid, RTIH

Sorbitol, VHMN

Sorbose, VBWF

Sorbotex, KPTW

Sorghum, NHIH

Sorghum wax, VDQF

Sorption, ONBR

Sorting, CSVJ

Sound recording, PKIL

Sound recording, magnetic, SBCL

Source, GLKS

Soybean foods, FOXB

Soybean oil, LHUT

Soybean proteins, MOIU

Soybeans, WLGC

Spanish broom, HPGL

Spans, DVUJ

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Specific heat, FEED

Spectral interpretation, ASAH

Apectrophotometry, LLDF

Spectrophotometry, flame, CPJL

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Spectrophotometry, ultra violet, IXLH

Spectrophotometry, visible range, PVGX

Spectrophotometric cells, TSOD

Spectrophotometric solvents, GGBG

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Spermaceti, SEAB

Spermatozoa, CRJL

Sperm head oil, EHHX

Sperm liver oil, DNUQ

Sperm oil, XPXF

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Sphingomyelin, SFLA

Sphingosine, GTDI

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Spin echoes, WEAS

Spin-lattice, QXSL

Spin-spin, EHQC

Splitting, XXGX

Spontaneous ignition, IXJX

Spores, JVHA

Spot tests, DNTK

Spray-cooling, LVKA

Spray-drying, XEQU

Sprayers, OUVC

Spray reagents, MCKK

Sprays, aerosol, BVBI

Spreading agents, JLFL

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Squalene, TOSV

Squash, PCIA

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Stabilizers, VEEQ

Stachyose, LDNO

Stacking, EEER

Staff activities, LUCK

Stain removal, EKUU

Stains & staining, biological, QALE

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Individual stains

Stains, selective, GTNW

Stalagmometers, LJGO

Standardization, FFUW

Standard samples, JCXD

Standards & grades, OОВI

Starch, HSPO

Starch derivatives, IPHT

Starch electrophoresis, BCVO

Starch, fractionation (by molecular weight), TEQW

Starch, separation (into amylose & amylopectin), ANNH

Starch utilization, FGOF

Star packing, THPT

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Steer hides, BDAN

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Steroid nitrogen compounds, CPFL

Steroid dibromides, TRBI

Steroid epoxides, CHFJ

Steroid esters, NTOO

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Steroid ketals, NRPI

Steroid metabolism, GCVN

Steroid oxides, JKCC

Steroids, VJQI

i-Steroids, FAHG

Steroids, blood, MTRA

Steroids, bromo-, TRBI

Steroids, chemical activation, AIBT

Steroids, epi-, HWII

Steroids, halo-, MCEA

Steroids, homo-, CUGT

Steroids, keto-, APUJ

Steroids, methyl-, KVRT

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Steroids, physiological activity, ELSH

Steroids, recovery of, SUTX

Steroids, selective reactions, JUTN

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Sterolatum, KPTW

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Stigmasterol, PAQX

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Stills, flash vaporization, EDSB
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Stirrers, OQWK

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Strain, DKNO

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Straw, DFHX

Strawberries, VDFO

Strecker degradation, of amino acids, JVUA

Strecker synthesis, alkane sulphonic acids, SLAH

Strecker synthesis, α -amino acids, CUEP

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Stress-strain phenomena (mechanical), NXGM

Strontium, OTED

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Structure (of molecules), OLBJ

Structure, physical, LACJ

Styrene, NKHH

Suberin, QTXJ

Sublimation, KMMT

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Substituent constant, XJFA

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Succinic acid, DTXS

Sucrolan, PLIN

Sucrose, LBAO

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Sugarcane wax, MWVD

Sugar, refined, VAGI

Sugars, HEJJ

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Sugar Work Project, WBTI

Suint, PVMC

Suint, composition, LTVI

Suint content, PIUT

Suint, potassium salts from, EDSM

Sulfamates, WWJA

Sulfamic acid, MSMV

Sulfan B, RRHL

Sulfanilic acid, XENN

Sulfated oils, NVIC

Sulfate esters, IREX

Sulfates, RGWF

Sulfates, organic, OCEV

Sulfation, DVJN

Sulfhydrates, XQTI

Sulfhydryl compounds, MPXJ

Sulfides, DTXX

Sulfides, cyclic, RRPB

Sulfination, KMUG

Sulfinic acids, KKDT

Sulfites, CXDQ

Sulfoacetates, PCNF

Sulfocyanates, sulfocyanides, PRCK

Sulfonamides, MIUE

"Sulfonated" oils, NVIC

Sulfonate esters, PQWH

Sulfonates, PQWH

Sulfonation, FJOH

α -Sulfonation, WOPJ

Sulfones, DLDI

Sulfonic acids, FJTD
Sulfonium compounds, BSEV
Sulfonyl chlorides, PWKH
Sulfotransferase activity, LJTQ
Sulfoxidation, FJCH
Sulfoxides, HJSU
Sulfur, NLDM
Sulfuration, DSJS
Sulfur compounds, TPCL
Sulfur, determination of, HWCE
Sulfur dioxide, XEBP
Sulfur dioxide, liquid, TGVB
Sulfur-halogen compounds, QQVQ
Sulfuric acid, JSRB
Sulfurization, DSJS
Sulfur-nitrogen compounds, DDSI
Sulfurous acid, EUFR
Sulfur-oxygen compounds, FSXU
Sulfur-oxygen-halogen compounds, XANF
Sulfur trioxide, RRHL
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Sultones, VDBK
Sumac, WBAO
Sunburn preventives, NCUV

Sunscreening agents, NCUV

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Surface-active substances, BMUP

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Surface layers, GINJ

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Surfactants, gas well liquid removal, SHXM

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Susceptibility, QXSO

Suspending agents, HORK

Suspensions, KNDC

Sutures, UGDW

Sweat glands, JJBD

Sweet potatoes, TEFO

Swelling, HGPR

Swift test, LFWO

Swine, AJVU

Symbiosis, AUMA

Symmetry, GMAF

Symposia, UNWP

Syndets, SVLA

Synergism, ENND

Synovial fluid, RDVJ

Syntans, XJJW

Syntans, auxiliary, AAGX

Syntans, combination, OXRN

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Synthesis, BPCE

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Synthesis, anodic, PSGF

Synthesis, asymmetric, UROK

Synthesis, electrolytic, BWBF

Synthetic detergents, SVLA

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Tackiness, GDNW

Tagatose, UCTU

Tall oil, TJAO

Tall oil fatty acids, CHDE

Tallow, ACQL

Tallow alcohols, CTMR

Tallow, beef, NDTT

Tallow, edible, NTVK

See also Oleo oil

Oleostearine

Tallow hydrogenated, WLUX

Tallow, inedible, OQOE

See also Grease

Tallow, mutton, OQMM

Talose, SVBJ

Tanks, QJSI

Tannage, WSCS

Tannage, chromium, LBSE

Tannage, resin, BOMR

Tannage, vegetable, TUNX

Tannase, ILUX

Tanneries, HSLT

Tannic acids, CTLN

Tanning, WSCS

Tannins, CTLN

Tannins, condensed, VXXD

Tannins, hydrolyzable, NVUI

Tariric acid, XCQU

Tartaric acid, ULJH

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Flavors

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Taste testing, duo-, LKOF

Taste testing, trio-, NOKW

Taurine, CTBK

Tautomers, RVSO

Tear tests, PQNN

Techniques, AXRT

Technology, GHXD

Teepols, ADMB

Teeth, IEBO

Teflon labware, ALJM

Tellurium, AATW

Tellurium compounds, GWJN

Temper, SDPP

Temperature, HJVK

Temperature-dependent phenomena, DIXQ

Temperature history, RHJP

Template theory, PSJC

Tendons, EEGV

Tensile strength, QESR

Tension, VFKU

Tergitols, GSIC

Terminal groups, WPBV

Terminology, HIOC

Ternary mixtures, XAUM

Terpenes, MSAU

Terpenes, biogenesis of, CDWJ

Terpenoids, MSAU

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Testosterone, CWBD

Test papers, TBJP

Tests, GPFV

Tetrachloroethylene, MMMM

Tetracycline antibiotics, FHOK

Tetrahydrofuran, BHXW

Tetraphosphoglucosate, WDDU

Tetrazolium compounds, LEOB

Tetronics, RINT

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Textile lubricants, WWNW

Textile processing agents, AHAI

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Textile softeners, BLMH

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Thallium, VQIH

Thapsic acid, OLNf

Theobroma oil, IDTT

Theory, SHOX

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Thermal stability, FWRW

Thermocouples, FOAM

Thermodynamics, AXXK

Thermodynamics, irreversible, GEJW

Thermolysis, OOHJ

Thiamine, FVOU

Thickeners (equipment), NGRT

Thickening materials, OWNp

Thickness, GJEK

Thiirane, CUIE

Thio-acetals, GBSA

Thio-acids, HUBI

Thio-aldehydes, THIA

Thiobarbituric acid, SWDM

Thiocholesterol, WJDX

Thio-compounds, MISQ

Thiocyanates, thiocyanides, PRCK
Thio-ethers, DTXX
Thio-ethers, cyclic, RRPB
Thiohydantoins, CCOB
Thiohydantoin, 3-phenyl-2-, RPHE
Thio-ketones, XULR
Thiol esters, JJQU
Thiol esters, color test, BOHU
Thiol groups, ONVQ
Thiols, MPXJ
Thiones, XULR
Thionyl chloride, LOEE
Thiophene, UMWG
Thiophene derivatives, VQEN
Thiosemicarbazones, IXSK
Thiosulfonic acids, JQHB
Thiosulfuric acids, SRMN
Thiouracil, BXUP
Thiourea, QLGH
Thiourea complexes, BUOW
Thiourea, expanded, VHLL
Thiuronium compounds, VQNB
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Thiuronium compounds, S-benzyl-, UIPS
Thixotropy, HLSE
Thorium, XPBG

Thorium soaps, UDDU

Threonine, PQPC

Threose, FLHN

Thrombin, XQND

Thymol, FSMS

Thyratrons, PWLJ

Thyroxine, QTBF

Tiglic acid, FNIC

Tigogenin, CEPB

Time delay devices, OGSQ

Time, measurement of, JRBU

Time phenomena, JTLT

Timing apparatus, JRBU

Tin, DMCM

Tin salts, RKSX

Tin tetrachloride, NFQX

Tissue, animal, TINI

See also Histology

Tissue blocks, WWRS

Tissue cholesterol, HAMQ

Tissue culture, ODUQ

Tissue, elastic, NXAI

Tissue fats, XXLO

Tissue, plant, BXCC

See also Histology

Tissue sections, WPJQ

Titanium, NDAJ

Titanium soaps, LBEG

Titer, of fatty acids, HVVB

Titration, amperometric, XBPX

Titration, conductometric, AECD

Titration, coulometric, QPPI

Titration, coulometric, constant current, SBAM

Titration, coulometric, constant potential, RXWJ

Titration curves, LVWP

Titration, electrometric, GJRI

Titration, high-frequency, FNGF

Titration, indicator, RJEK

Titration, iodometric, IVHO

Titration, non-aqueous, NSDX

Titration, potentiometric, ABKH

Tobacco, LKHE

Tobacco, fire-cured, SPHI

Tobacco, flue-cured, FPCD

Tobacco mosaic virus, DMHI

Tobacco-seed oil, DOKE

Tocopherols, IKED

Tolidine, BSPQ

Tolidine derivatives, LFNQ

Toluene, HGOS

p-Toluene sulfonates, OCDU

p-Toluene sulfonic acid, VNOO

p-Toluidine, JDVJ

Tomatidine, BXPS

Tomatine, LQDC

Tomatoes, FWLP

Tomato-seed oil, BCUB

Tonofibrils, LACA

Tosylates, OCDU

Total solids, ECAH

Tout oil, XPXF

Towers, bubble cap, XDRR

Towers, packed, GEQL

Toxicity, PWAA

Toxicology, BMCL

Tracers, radioactive, TMGU

Trade names, XQXF

Training, WCLC

Tranquilizers, KTMM

Transamidases, GFPI

Transamidation, KVUF

Transamidination, KVUF

Transamidinases, GFPI

Transaminases, TBGD

Transamination, DHPE

Trans-double bond determination, UHPE

Transducers, TRCR

Transesterification, HSVM

Transfer compositions, AJGK
Transformations, HQXA
Transient phenomena, AQAV
Transistors, PSXV
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Translucent substances, PMLA
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Transporting, CMMT
Transport processes & properties, MPGV
Trans-uranium elements, QMPN
 See also Actinides
Transverse, EHQC
Trehalose, AIUX
Triacetin, VPHI
Tricarboxylic acids, CEXT
Trichloroacetic acid, LREI
Trichlorobenzenes, VXPV
Trichloroethylene, PMEJ
2,2,3-Trichloropropionic acid, VUPE
Triethanolamine, WXEP
Trigger circuits, GGMA
Triglycerides, QKUL
Triglycerides, natural, SBES
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Triglycerides, reconstituted, IJHQ

Trigonelline, RPIM

Trimargarate, MXEM

Trimethylene glycol, MIWJ

Trimming, IJOH

Trioses, JRXB

s-Trioxane, FLCP

See also Polyoxymethylenes

Trioxymethylene, VOFN

Tripeptides, JRWM

Triphenylmethyl chloride, XWSM

Triphenylmethyl group, VXLH

Triple bonds, RBOH

Trisaccharides, NIBG

Trisnorlanostolenic acid, KFNU

Triterpenes, triterpenoids, XNFL

Triterpenoids, hexacyclic, RUSJ

Triterpenoids, pentacyclic, PPXI

Triterpenoid-steroids, KRPP

Triterpenoids, tetracyclic, XJQX

Tritium, IWWB

Tritylation, VXLH

Trityl chloride, XWSM

Trucks, hand, XBRA

Trucks, powered, RHBV

Trypsin, NION

Tryptophan, DSHK

Tsugaëff (Tschugaev) reaction, MUOU

Tubercle bacillus, VJTJ

Tuberculostearic acid, WLIQ

Tuber formation, VKIK

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Tuberinin, QBDU

Tubers, XPEG

Tubing and pipes, LLHE
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Tumbling, NDGQ

Tumors, VXXM

Tung oil, LXEP

Tungsten, AARQ

Tungstic acid, EDPM

Turbidimetry, UJFL

Turbines, SGOB

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Tweens, CDXM

2,4-D, FIUS

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Tyrosine, ARFW

Ucons, LDEB

Ultracentrifugation, UGNT

Ultrafiltration, CVCO

Ultrasonics, FUOR

Ultraviolet irradiation, WJPM

Ultraviolet microscopy, HNEC

Ultraviolet radiation, ETTG

Ultraviolet spectra, IXLH

10-Undecylenic acid, XRJD

n-Undecylic acid, CFMW

Unfermentable carbohydrates, DJAK

Unhairing, NTVN

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Unimolecular films, GINJ

Units & dimensions, ICGU

Unsaponifiable matter, AXQT

Unsaturated compounds, PSDL

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Unsteady-state conditions, AQAV

Uptake, KXGG

Uranium salts, HHQV

Uranium soaps, TNEA

Urbanin, LSSK

Urea, NPVN

Urea complexes, JCFJ

Urea compounds,

3-(p-Chlorophenyl)-1,1-dimethyl urea, PISI

Dichloral urea, CRKD

3-(3,4-Dichlorophenyl)-1,1-dimethyl urea, NRKN

3-(3,4-Dichlorophenyl)-1-methyl-1-N-butylurea, UCQO

3-(Phenyl)-1,1-dimethylurea, EANW

Urea, expanded, RWDX

Urease, TTGV

Ureides, SALT

Urethans, SNAX

Uric acid, HOWE

Uridine and derivatives, BMIC

Urinary extracts, LXQC

Urine, HFOB

Urocanic acid, LORU

Uronic acids, LXOO

Ursolic acid, NDEA

Uses, XIBL

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Vacuum, IHER

Vacuum phenomena, BPSB

Vacuum tubes, design & characteristics, RHQS

Vacuum tube voltmeters, BNVL

Valeric acid, LGNL

Valerolactone, NTCS

Valine, KRAL

Valves and fittings, SFFO

Vanadium, IBEV

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Varnishes, QDEX

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Vegetable oils, SPRT

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Velocity, AMID

Verhoeff's stain, KQEG

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Vibration-rotation of molecules, ENQQ

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Vinyl esters, LCPS

Vinyl ethers, BOES

Vinyl group, TJER

Vinyl monomers, GSBP

Viosterol, WDGT

Viruses, GKFG

Viruses, plant, KEVP

Viscolan, HVUD

Viscometers & viscometry, WCHO

Viscose rayon, UVGL

Viscosity, WCHO

Viscosity, high, AWLR

Viscosity index, OHLX

Viscosity, interfacial, FHAF

Visible spectra, PVGX

Vitamin A, JQMO

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Vitamin D₂, WDGt

Vitamin D₃, MCQK

Vitamins, EBWB

Vitamins D, GPXF

Vitamins, lipoid-soluble, BIGP

Vitrosin, BPGD

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Voltage doublers, DKUC

Voltammetry, KDFU

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Voltmeters, electronic, BNVL

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Walden inversion, DSBC

Warts, BPQF

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Water, bound, PBDK

Water conservation, HCDL

Water numbers, COPS

Waterproofing agents, CLJG

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Water resistance, XRVL

Water softeners, LNGN

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Waxes, bark, JOXN

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Waxes, chlorinated, MRCL

Waxes, conifer, KMCP

Waxes, ester, DCHC

Waxes, flower, IRBH

Waxes, fruit, RNWM

Waxes, hydrocarbon, MURO

Waxes, hydrogenated, KLIU

Waxes, insect, GAUJ

Waxes, leaf, JDDB

Waxes, liquid, WICQ

Waxes, microorganism, QMJI

Waxes, mineral, PXFP

Waxes, modelling, THDH

Waxes, modified, XWHF

Waxes, non-foaming, QBEJ

Waxes, petroleum, ELKW

Waxes, pigmented, NWIS

Waxes, self-emulsifying, SODR

Waxes, synthetic, GXVD

Waxes, vegetable, FADS

Waxolan, WTPD

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Whitening agents, MSTW
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Wool fleeces, analysis of, RHLV

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Wool grease, purification of, QNEC

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Wool grease recovery, aeration processes, WSOT

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Wool grease recovery, calcium hypochlorite process, TDFD

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Wool grease recovery, flotation processes, WSOT

Wool grease recovery, miscellaneous, SXMN

Wool grease recovery, from scouring solvents, RFWQ

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Wool scouring, acid-bath, SJAU

Wool scouring, aqueous, DHCQ

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Wool scouring, Duhamel process, HFUX

Wool scouring, electrolytic, MGSI

Wool scouring, emulsion, DHCQ

Wool scouring, enzyme, GALP

Wool scouring, fermentation, SJJQ

Wool scouring, "Frosted Wool" process, IVHV

Wool scouring liquors, analysis of, EPUB

Wool scouring liquors, clarification of, TAAK

Wool scouring liquors, corrosion by, CQDC

Wool scouring, soap & soda, UDOJ

Wool scouring, solvent, CMRS

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Wool wax alcohols, QLCJ

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Xylans, JBUE

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Yeasts, BAIV

Yeasts, mating types, INSU

Yttrium, FDMP

Zein, LTTQ

Zeolites, NAHC

Zeta potential, OSAG

Zinc, LDOU

Zinc chloride, QJXX

Zinc chloride-iodide reagent, TLUP

Zinc soaps, UEFG

Zirconium, RBVL

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Zone melting, SPIN

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